

REMARKS**Amendments to the Specification**

Please amend the specification as described on pages 2 - 4 of this paper to reflect the previous amendments to Tables 8 – 10 which were submitted on August 27, 2007 in order to comply with the sequence listings requirements. No new matter has been introduced by these amendments. Support can be found throughout the instant specification and claims as filed, in addition to the amendment that was filed on August 27, 2007.

Sequence Listing

The Sequence Listing that was filed on August 27, 2007 was objected to for not complying with the Sequence Listing requirements. Specifically, the current CRF and paper copy of the Sequence Listing do not contain a complete listing of all the sequences present in the instant application.

In order to fulfill the requirements of the Notice to comply with Requirements for patent applications containing nucleotide sequence and/or amino acid sequence disclosures, applicants present herewith a Sequence Listing containing a complete listing of all the sequences present in the instant application. Specifically, submitted herewith are the following: (1) text (.txt) file containing the computer readable Substitute Sequence Listing for the above-identified patent application; (2) a PDF copy of the Substitute Sequence Listing; and (3) a Statement Under 37 C.F.R. §1.825(b)

indicating that the PDF copy is identical to the text (.txt) file of the Substitute Sequence Listing. Because the originally filed copy of the Sequence Listing presented 170 sequences, and the additional 23 sequences filed on August 27, 2007 appeared in the original specification, no new matter is introduced by the Substitute Sequence Listing submitted herewith which similarly presents 193 sequences.

Also submitted is a copy of the Notice to Comply with Sequence Listing Requirements as received from the U.S. Patent and Trademark Office. No new matter is presented in the text (.txt) file and PDF forms of the Substitute Sequence Listing. Entry of the Substitute Sequence Listing into the instant application is respectfully requested.

CONCLUSION

Based on the foregoing amendments and remarks, Applicants respectfully request allowance of this application. Favorable action by the Examiner is earnestly solicited.

AUTHORIZATION

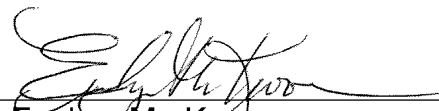
The Commissioner is hereby authorized to charge any additional fees which may be required for consideration of this Amendment to Deposit Account No. **13-4500**, Order No. 2976-4039US3.

In the event that an extension of time is required, or which may be required in addition to that requested in a petition for an extension of time, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to Deposit Account No. **13-4500**, Order No. 2976-4039US3.

Respectfully submitted,
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Dated: December 21, 2007

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